

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	9	"2773167"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/27 14:59
S2	4	"2003024437"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/27 14:59
S3	8	"6743286"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/27 15:00
S4	12	"5551975"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/27 15:01
S5	11	"6143064"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/27 15:02
S6	40	S1 S2 S3 S4 S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/27 15:41
S7	22549	Laponite (synthetic near3 silicat\$3) hectorite	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/27 16:02
S8	0	S7 and S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/27 16:02

S9	3197	inorganic near5 colloid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/27 16:03
S10	172	S9 and S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/27 16:03
S11	5	("3844828").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/28 15:02
S12	2	("6712934").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/28 15:25
S13	2249955	montmorillonite magnesium paper	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/28 15:48
S14	5738	montmorillonite magnesium paper	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/08/28 15:48
S15	2389	S14 and size and filler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/28 15:48
S16	516	S15 and pulp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/28 15:50
S17	239	(162/181.7).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/28 16:34

S18	1	"10553358"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 10:52
S19	173746	"aluminium sulphate" "polyaluminium chloride" "cationic starch" "cationic short-chained polyelectrolytes" "polydiallyl dimethyl ammonium chloride" (polyDADMAC) "long-chained polyelectrolytes" "cationically charged polyacrylamides" "acrylamide" "acryloyloxyethyltrimethyl ammonium chloride"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 10:55
S20	5	(US-20050150621-\$).did. or (US-6743286-\$ or US-5551975-\$ or US-6143064-\$).did. or (FR-2773167-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/03/26 10:55
S21	2	S19 and S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 10:55
S22	141155	"acrylamide" "acryloyloxyethyltrimethyl ammonium chloride"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 10:58
S23	1	S22 and S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 10:58
S24	467647	paper and making	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 11:29
S25	31128	S19 and S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 11:30
S26	2887	retention same S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 11:30

S27	1373	S24 and S26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 11:30
S28	12125	("titanium dioxide" TiO2) same2 colloid\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 11:31
S29	341360	silicate "silica sol"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 11:31
S30	84	S27 and S28 and S29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/26 11:32
S31	2	"20030066617"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/27 13:46
S32	2	("5888290").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/27 14:00
S33	2	("20030024437").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/27 14:23
S34	0	"277311055335867"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/30 09:59
S35	1	"10553358"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/30 09:59

S36	2	"20020024437"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/02 09:36
S37	2	"20030024437"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/02 09:36
S38	13	"1284103"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/02 09:38
S39	20	pre?treat with filler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/02 10:02
S40	46288	("162").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/02 10:02
S41	36	pre?treat same filler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/02 10:03
S42	613	pre?treat\$2 same filler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/02 10:04
S43	1073	pre?treat\$ same filler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/02 10:04
S44	47	S43 and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/02 10:04

S45	13125	("titanium dioxide" TiO2) same2 colloid\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/02 10:04
S46	12	S44 and S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/02 10:04
S47	1268	treat with filler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/02 10:20
S48	21	S45 and S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/02 10:21
S49	3	S48 and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/02 10:21
S50	1231	S45 and (slurry stock furnish finish pulp) and ((mg magnesium) near4 (silicate silica)) and paper	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/02 10:41
S51	46	S50 and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/02 10:41
S52	1506	("titanium dioxide" TiO2) same2 colloid\$3 same ((mg magnesium) near4 (silicate silica))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/02 10:43
S53	13	S52 and S51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/02 10:43

S54	5	"2004092482"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 16:14
S55	1	"11813955"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 16:50
S56	1	"10553358"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/08 07:26
S57	13	(US-20050150621-\$ or US-20030066617-\$ or US-20030024437-\$).did. or (US-6743286-\$ or US-5551975-\$ or US-6143064-\$ or US-6494991-\$ or US-6887351-\$).did. or (US-2992964-\$ or US-2949397-\$ or US-3758376-\$ or US-3737371-\$).did. or (FR-2773167-\$).did.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/04/08 07:58
S58	10	S57 and (starch same weight)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/08 07:59
S59	4	S57 and (starch same molecular adj weight)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/08 08:02
S60	2	("4,643,801").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/08 08:05
S61	3	S57 and (cationic same molecular adj weight)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/08 08:09
S62	2	("5,178,730").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/08 08:11

S63	1467	(retention same paper) and (cationic same molecular adj weight)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/08 08:12
S64	317	S63 and filler and titanium and silicate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/08 08:13
S65	46307	("162").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/08 08:13
S66	197	S64 and S65	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/08 08:13
S67	13	(US-20050150621-\$ or US-20030066617-\$ or US-20030024437-\$).did. or (US-6743286-\$ or US-5551975-\$ or US-6143064-\$ or US-6494991-\$ or US-6887351-\$).did. or (US-2992964-\$ or US-2949397-\$ or US-3758376-\$ or US-3737371-\$).did. or (FR-2773167-\$).did.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/04/08 11:25
S68	2	S67 and (smectite bentonite)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/04/08 11:26
S69	2	S67 and BET	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/04/08 11:38
S70	1	S67 and ("g/t" "kg/t")	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2010/04/08 12:03

## EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	16	(162/181.7).CCLS.	US-PGPUB; UPAD	OR	OFF	2011/07/14 11:24
L2	235	(collodial and filler and (area BET) concentration and (poly? acrylamide polyacrylamide acrylamide) and (paper web)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/07/14 11:26



L3	234	((anionic with inorganic with colloidal) and filler and (area BET) concentration and (poly? acrylamide polyacrylamide acrylamide) and (paper web)). clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/07/14 11:26
L4	1	3 and 1	US-PGPUB; USPAT; UPAD	OR	ON	2011/07/14 11:26
L5	7	3 and (BET).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/07/14 11:27

**7/14/2011 11:28:11 AM****H:\EAST\Workspaces\10553358.wsp**